

**Amendments to the Specification:**

Please replace the paragraph beginning on page 10, line 24, with the following rewritten paragraph:

The term “substantial amount” is understood to mean that the acrolein is found, by virtue of the cooling conditions selected, largely in the acrolein-rich gas mixture 11, rather than in the condensate 10. It may be considered that more than 50%, preferably more than 70%, especially more than 90%, of the amount by weight of acrolein initially present in the gas mixture 6 withdrawn at the top of column 1 is found, after cooling 204, purified in the gaseous form.

Please add the Abstract as attached hereto.